

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of claims in the application.

Claims 1-18 are cancelled.

19. (New): A cask buffer body comprising:
a shock absorber configured to be attached to a cask that stores a recycle fuel, wherein
the shock absorber absorbs a shock against the cask by being deformed, and includes a
space for adjusting a shock absorbing capability.

20. (New): The cask buffer body according to claim 19, wherein
the space is a hole formed in the shock absorber.

21. (New): The cask buffer body according to claim 20, wherein
a cross-sectional shape of the hole includes an angular portion.

22. (New): The cask buffer body according to claim 21, wherein
a dimension of the hole is changed toward a direction in which the shock is input to the
shock absorber.

23. (New): The cask buffer body according to claim 19, wherein
the space is a wedge notch, and
the wedge notch is formed at least on a side of the shock absorber on which the shock is
input to the shock absorber.

24. (New): The cask buffer body according to claim 19, wherein
the space is a notch formed on the shock absorber.

25. (New): The cask buffer body according to claim 19, wherein
the shock absorber is formed by combining a plurality of shock absorber blocks made of a
wood material.

26. (New): The cask buffer body according to claim 19, wherein
the shock absorber is formed by combining a plurality of shock absorber blocks made of a
wood material, in an annular shape, and
the shock absorber blocks are integrated by winding a block binding unit around a
circumferential groove formed on an outer circumference of the shock absorber in the annular
shape.

27. (New): The cask buffer body according to claim 19, wherein
the shock absorber is formed by combining a plurality of shock absorber blocks made of a

wood material, in an annular shape,

each of the shock absorber bocks includes

a shock absorber block A having a diametral outside dimension smaller than a diametral inside dimension; and

a shock absorber block B having a diametral outside dimension larger than a diametral inside dimension, and

a compressive strength of the shock absorber block A is stronger than a compressive strength of the shock absorber block B.

28. (New): The cask buffer body according to claim 25, wherein
the space is provided in such a manner that the space divides or passes through fibers of the wood material constituting each of the shock absorber blocks.

29. (New): The cask buffer body according to claim 26, wherein
the space is provided in such a manner that the space divides or passes through fibers of the wood material constituting each of the shock absorber blocks.

30. (New): The cask buffer body according to claim 27, wherein
the space is provided in such a manner that the space divides or passes through fibers of the wood material constituting each of the shock absorber blocks.

31. (New): The cask buffer body according to claim 25, wherein the space is provided substantially in parallel to fibers of the wood materials constituting each of the shock absorber blocks.

32. (New): The cask buffer body according to claim 26, wherein the space is provided substantially in parallel to fibers of the wood materials constituting each of the shock absorber blocks.

33. (New): The cask buffer body according to claim 27, wherein the space is provided substantially in parallel to fibers of the wood materials constituting each of the shock absorber blocks.

34. (New): The cask buffer body according to claim 25, wherein the space is a hole formed in each of the shock absorber blocks.

35. (New): The cask buffer body according to claim 26, wherein the space is a hole formed in each of the shock absorber blocks.

36. (New): The cask buffer body according to claim 27, wherein the space is a hole formed in each of the shock absorber blocks.

37. (New): The cask buffer body according to claim 34, wherein a cross-sectional shape of the hole includes an angular portion.
38. (New): The cask buffer body according to claim 35, wherein a cross-sectional shape of the hole includes an angular portion.
39. (New): The cask buffer body according to claim 36, wherein a cross-sectional shape of the hole includes an angular portion.
40. (New): The cask buffer body according to claim 37, wherein the angular portion is formed on a side of the shock absorber on which the shock is input to the shock absorber.
41. (New): The cask buffer body according to claim 38, wherein the angular portion is formed on a side of the shock absorber on which the shock is input to the shock absorber.
42. (New): The cask buffer body according to claim 39, wherein the angular portion is formed on a side of the shock absorber on which the shock is input to the shock absorber.

43. (New): The cask buffer body according to claim 25, wherein
the space is a wedge notch, and
the wedge notch is formed at least on a side of the shock absorber on which the shock is
input to the shock absorber, in such a manner that a top of the wedge notch is oriented to a direction
in which the shock is input to the shock absorber.

44. (New): The cask buffer body according to claim 26, wherein
the space is a wedge notch, and
the wedge notch is formed at least on a side of the shock absorber on which the shock is
input to the shock absorber, in such a manner that a top of the wedge notch is oriented to a direction
in which the shock is input to the shock absorber.

45. (New): The cask buffer body according to claim 27, wherein
the space is a wedge notch, and
the wedge notch is formed at least on a side of the shock absorber on which the shock is
input to the shock absorber, in such a manner that a top of the wedge notch is oriented to a direction
in which the shock is input to the shock absorber.

46. (New): The cask buffer body according to claim 25, wherein
the space is a notch formed toward a direction in which the shock is input to the shock
absorber.

47. (New): The cask buffer body according to claim 26, wherein
the space is a notch formed toward a direction in which the shock is input to the shock
absorber.

48. (New): The cask buffer body according to claim 27, wherein
the space is a notch formed toward a direction in which the shock is input to the shock
absorber.

49. (New): The cask buffer body according to claim 46, wherein
the space is a notch formed perpendicular to a fiber direction of the wood material.

50. (New): The cask buffer body according to claim 47, wherein
the space is a notch formed perpendicular to a fiber direction of the wood material.

51. (New): The cask buffer body according to claim 48, wherein
the space is a notch formed perpendicular to a fiber direction of the wood material.

52. (New): The cask buffer body according to claim 25, wherein
the shock absorber includes

a first shock absorber group that is obtained by combining the shock absorber

blocks in such a manner that a fiber direction of the wood material is parallel to a shock input direction, that absorbs the shock in a direction parallel to an end surface of the cask, and that consists of a first material;

a second shock absorber group that absorbs the shock in a direction perpendicular to or oblique with respect to the end surface of the cask, and that consists of a second material of which a compressive strength is weaker than a compressive strength of the first material; and

a third shock absorber group that absorbs the shock in a direction perpendicular to the end surface of the cask, and that consists of a third material of which a compressive strength is weaker than a compressive strength of the second material, and

the space is provided at least in the first shock absorber group.

53. (New): The cask buffer body according to claim 26, wherein
the shock absorber includes

a first shock absorber group that is obtained by combining the shock absorber blocks in such a manner that a fiber direction of the wood material is parallel to a shock input direction, that absorbs the shock in a direction parallel to an end surface of the cask, and that consists of a first material;

a second shock absorber group that absorbs the shock in a direction perpendicular to or oblique with respect to the end surface of the cask, and that consists of a second material of which a compressive strength is weaker than a compressive strength of the first material; and

a third shock absorber group that absorbs the shock in a direction perpendicular to

the end surface of the cask, and that consists of a third material of which a compressive strength is weaker than a compressive strength of the second material, and
the space is provided at least in the first shock absorber group.

54. (New): The cask buffer body according to claim 27, wherein
the shock absorber includes
a first shock absorber group that is obtained by combining the shock absorber blocks in such a manner that a fiber direction of the wood material is parallel to a shock input direction, that absorbs the shock in a direction parallel to an end surface of the cask, and that consists of a first material;
a second shock absorber group that absorbs the shock in a direction perpendicular to or oblique with respect to the end surface of the cask, and that consists of a second material of which a compressive strength is weaker than a compressive strength of the first material; and
a third shock absorber group that absorbs the shock in a direction perpendicular to the end surface of the cask, and that consists of a third material of which a compressive strength is weaker than a compressive strength of the second material, and
the space is provided at least in the first shock absorber group.